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February 27, 2006

**Via Facsimile to (571) 273-8300**

Mail Stop RCE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

<b>Re:</b>	<b>Applicants:</b>	<b>I-Sheng Liu et al</b>		
	<b>Title:</b>	<b>SOURCE/DRAIN ADJUST IMPLANT</b>		
	<b>Application No.:</b>	<b>10/753,673</b>	<b>Filing Date:</b>	<b>January 7, 2004</b>
	<b>Examiner:</b>	<b>Johannes P. Mondt</b>	<b>Group Art Unit:</b>	<b>2826</b>
	<b>Docket No.:</b>	<b>M-15281US</b>	<b>Confirmation No.:</b>	<b>6785</b>

Dear Sir:

Transmitted herewith for filing with this Request for Continued Examination (RCE) are the following documents:

## 1) Response to Final Office Action (6 pages)

- ☒ Applicant claims SMALL ENTITY
- ☒ APPLICANT(S) PETITIONS FOR AN EXTENSION OF TIME AS INDICATED BELOW:

EXTENSION (months)		FEE FOR SMALL ENTITY		FEE FOR LARGE ENTITY
1 month	<input checked="" type="checkbox"/>	\$60.00	<input type="checkbox"/>	\$120.00
2 months	<input type="checkbox"/>	\$225.00	<input type="checkbox"/>	\$450.00
3 months	<input type="checkbox"/>	\$510.00	<input type="checkbox"/>	\$1,020.00
4 months	<input type="checkbox"/>	\$795.00	<input type="checkbox"/>	\$1,590.00
5 months	<input type="checkbox"/>	\$1,080.00	<input type="checkbox"/>	\$2,160.00

**THE FEES FOR CLAIMS HAS BEEN CALCULATED AS SHOWN BELOW:**

<b>RCE Fee Under 37 CFR 1.17(e) for small entity</b>	<b>\$395.00</b>
<b>TOTAL FEES FOR CLAIMS SUBMITTED HEREWITH</b>	<b>\$455.00</b>
<b>XX Please charge the fees set forth above to our Deposit Account No. 50-2257 in the amount of</b>	<b>\$225.00</b>
<b>XX Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 50-2257</b>	

**Certification of Facsimile Transmission**

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below

Jonathan Hallman

February 27, 2006

Date of Signature

Respectfully submitted,

Jonathan W. Hallman  
Attorney for Applicants  
Reg. No. 42,622  
Tel.: (949) 752-7040

07/13/2006 EFLORES 00000069 502257 10753673

02 FC:2801 395.00 DA

JUL 11 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants:** I-Sheng Liu et al.  
**Title:** Source/Drain Adjust Implant  
**Application No.:** 10/753,673 **Filing Date:** January 7, 2004  
**Examiner:** Johannes P. Mondt **Group Art Unit:** 2826  
**Docket No.:** M-15281 US **Confirmation No.** 6785

Irvine, California  
July 11, 2006Via Facsimile to (571) 273-8300 andVia Facsimile to Examiner Mondt (571) 273-1919

Mail Stop : RCE  
Commissioner for Patents  
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Alexandria, VA 22313-1450

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following documents are being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below:

- 1) Request For Entry Into IFW of RCE
- 2) Copy of PTO Advisory Action dated March 13, 2006
- 3) Copy of RCE Filed February 27, 2006
- 4) Copy of PAIR dated May 30, 2006

Dated: 6-11-, 2006  
Sandra L. CarrNumber of pages (including this sheet): 110

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& HEID LLP  
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Fax to USPTO

JUL 11 2006



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/753,673	01/07/2004	I-Sheng Liu	M-15281 US	6783

7590

03/13/2006

Jon W. Hallman  
MacPHERSON KWOK CHEN & HEID LLP  
Suite 226  
1762 Technology Drive  
San Jose, CA 95110

EXAMINER

MONDT, JOHANNES P

ART UNIT

PAPER NUMBER

3663

DATE MAILED: 03/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

MACPHERSON KWOK CHEN &  
HEID LLP  
RECEIVED ON  
MAR 23 2006

CA

MAR 16 2006

ATTORNEY

Programmable  
Jon Hallman Micro-electronic  
ACTION: Adv. Action 2nd Best 3/26/06  
ACTION: Adv. Final DUE 4/26/06  
ACTION: Adv. Final DUE 4/26/06  
DOCKETED BY: bc DATE 3/17/06  
FORWARDED BY: DATE

**Advisory Action  
Before the Filing of an Appeal Brief**

Application No.

10/753,673

Applicant(s)

LIU ET AL.

Examiner

Johannes P. Mondt

Art Unit

3663

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 27 February 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.  
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  
Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**NOTICE OF APPEAL**

2. ☐ The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

**AMENDMENTS**

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because:  
(a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);  
(b) ☐ They raise the issue of new matter (see NOTE below);  
(c) ☒ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  
The status of the claim(s) is (or will be) as follows:  
Claim(s) allowed: \_\_\_\_\_.  
Claim(s) objected to: \_\_\_\_\_.  
Claim(s) rejected: 1-9.  
Claim(s) withdrawn from consideration: 10-14.

**AFFIDAVIT OR OTHER EVIDENCE**

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).  
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

**REQUEST FOR RECONSIDERATION/OTHER**

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: \_\_\_\_\_  
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). \_\_\_\_\_  
13. ☐ Other: \_\_\_\_\_

  
JACK KEITH  
SUPERVISORY PATENT EXAMINER

07-11-'06 14:40 FROM-MKC&H LLP

9497527049

T-370 P005/016 F-254

Continuation Sheet (PTOL-303)

Application No.

Continuation of 3. NOTE: Applicants, in their proposed amendments, have substantially amended all pending elected claims, through substantial amendments of independent claim 1. Therefore, said amendments raise new issues requiring further consideration and/or search; while none of the claims have been placed in allowable form, given that no allowable subject matter has been indicated.

## MEMORY TRANSMISSION REPORT

TIME : 02-27-'06 20:07  
 FAX NO.1 : 9497527049  
 NAME : MKC&H LLP

FILE NO. : 732  
 DATE : 02.27 20:04  
 TO : USPTO Central Fax  
 DOCUMENT PAGES : 7  
 START TIME : 02.27 20:04  
 END TIME : 02.27 20:07  
 PAGES SENT : 7  
 STATUS : OK

\*\*\* SUCCESSFUL TX NOTICE \*\*\*

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 Fax (408) 892-9262 Fax (949) 752-7049  
 Email: mail@mkw macpherson-kwok.com

February 27, 2006

Via Facsimile to (571) 272-2300

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 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Re: Applicant: I-Sheng Lin et al.  
 Title: SOURCE/DRAIN ADJUST IMPLANT  
 Application No.: 10/783,673  
 Examiner: Johannes F. Mondt  
 Docket No.: M-16281US  
 Filing Date: January 7, 2004  
 Group Art Unit: 7825  
 Confirmation No.: 6785

Dear Sir:

Transmitted herewith for filing with this Request for Continued Examination (RCE) are the following documents:

1) Responses to Final Office Action (6 pages)

APPLICANT CLAIMS SMALL ENTITY		APPLICANT REQUESTS FOR AN EXTENSION OF TIME AS INDICATED BELOW:	
EXTENSION (months)	FEE FOR SMALL ENTITY		FEE FOR LARGE ENTITY
1 month	<input checked="" type="checkbox"/> \$250.00	<input checked="" type="checkbox"/>	\$120.00
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THE FEES FOR CLAIMS HAS BEEN CALCULATED AS SHOWN BELOW:

RCE Fee Under 37 CFR 1.17(e) for small entity	\$395.00
<b>TOTAL FEES FOR CLAIMS SUBMITTED HEREWITH</b>	<b>\$475.00</b>
XX Please charge the fees set forth above to our Deposit Account No. 50-2237 in the amount of	\$225.00
XX Also, charge any additional fees required and credit any overpayments to our Deposit Account No. 50-2237	

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 I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.  
 Jonathan Hallman  
 Date of Signature February 27, 2006

Respectfully Submitted,  
 Jonathan W. Hallman  
 Attorney for Applicant  
 Reg. No. 42,622  
 Tel.: (949) 752-7040

## Auto-Reply Facsimile Transmission



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Received  
Cover  
Page  
=====>

02-27-'06 20:04 FROM-MKC&H LLP 9497527049 T-370 P014/016 F-254

**MacPherson Kwok Chen & Heid LLP**  
2761 Technology Drive, Suite 226 2402 Michelson Drive, Suite 710  
San Jose, CA 95110 Irvine, CA 92618  
Tel. (408) 357-0250 Tel. (949) 752-7049  
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Email: mkc@mkc.com

February 27, 2006

**Via Facsimile to (571) 273-3380**  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Applicant: I-Chang Liu et al.  
Title: SOURCE/DBAIN ADJUST IMPLANT  
Application No.: 10/753,673 Filing Date: January 7, 2004  
Examiner: Johannes P. Michael CFP-P App Unit 2836  
Docket No.: 44-1858108 Confirmation No.: 6785

Dear Sir:

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☒ APPLICANT'S PETITIONS FOR AN EXTENSION OF TIME AS INDICATED BELOW.

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3 months	<input type="checkbox"/> \$525.00	<input type="checkbox"/> \$2,625.00
4 months	<input type="checkbox"/> \$675.00	<input type="checkbox"/> \$3,375.00
5 months	<input type="checkbox"/> \$825.00	<input type="checkbox"/> \$4,125.00

THE FEES FOR CLAIMS HAS BEEN CALCULATED AS SHOWN BELOW:

RCE Fee Under 37 CFR 1.17(c) for small entity	\$395.00
TOTAL FEES FOR CLAIMS SUBMITTED HEREBY	\$445.00
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February 27, 2006  
Date of Signature

Respectfully Submitted,  
Johannes P. Michael  
Attorney for Applicants  
Reg. No. 42,612  
Tel.: (949) 752-7040

PAGE 1/1 \* RCVD AT 2/27/2006 11:09:23 PM [Eastern Standard Time] \* SVR:USPTO-EFXXF-3/0 \* DNIS:2738300 \* CSID:9497527049 \* DURATION (mm-ss):04-30



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**PATENT APPLICATION INFORMATION RETRIEVAL**

Search results as of: 5-30-2006::13:44:34 E.T.

Search results for application number: 10/753,673			
Application Number:	10/753,673	Customer Number:	-
Filing or 371(c) Date:	01-07-2004	Status:	Response to Non-Final Office Action Entered and Forwarded to Examiner
Application Type:	Utility	Status Date:	05-30-2006
Examiner Name:	MONDT, JOHANNES P	Location:	ELECTRONIC
Group Art Unit:	3663	Location Date:	-
Confirmation Number:	6785	Earliest Publication No:	US 2005-0145924 A1
Attorney Docket Number:	M-15281 US	Earliest Publication Date:	07-07-2005
Class/ Sub-Class:	257/213	Patent Number:	-
First Named Inventor:	I-Sheng Liu, San Jose, CA (US)	Issue Date of Patent:	-
Title Of Invention:	Source/drain adjust implant		

## Search Options

<input type="checkbox"/> Image File Wrapper
<input type="checkbox"/> Published Documents

File History	
Date	Contents Description
03-13-2006	Mail Miscellaneous Communication to Applicant
03-08-2006	Miscellaneous Communication to Applicant - No Action Count
03-07-2006	Date Forwarded to Examiner
03-07-2006	Date Forwarded to Examiner
03-27-2006	Request for Continued Examination (RCE)
05-30-2006	DISPOSAL FOR A RCE/CPA/129 (express abandonment if CPA)
03-27-2006	Request for Extension of Time - Granted
02-27-2006	Workflow - Request for RCE - Begin
10-26-2005	Mail Final Rejection (PTOL - 326)
10-18-2005	Final Rejection
10-18-2005	Case Docketed to Examiner in GAU
08-15-2005	Date Forwarded to Examiner
08-05-2005	Response after Non-Final Action



07-28-2005	New or Additional Drawing Filed
08-02-2005	Mail Notice of Informal or Non-Responsive Amendment
07-25-2005	New or Additional Drawing Filed
08-01-2005	Date Forwarded to Examiner
07-25-2005	Informal or Non-Responsive Amendment after Examiner Action
07-25-2005	Response after Non-Final Action
07-25-2005	Request for Extension of Time - Granted
04-25-2005	Petition Decision - Granted
03-25-2005	Petition Entered
03-25-2005	Rescind Nonpublication Request for Pre Grant Publication
02-25-2005	Mail Non-Final Rejection
02-22-2005	Non-Final Rejection
01-28-2005	Date Forwarded to Examiner
01-20-2005	Response to Election / Restriction Filed
12-14-2004	Preliminary Amendment
12-14-2004	Reference capture on IDS
12-14-2004	Information Disclosure Statement (IDS) Filed
12-20-2004	Mail Restriction Requirement
12-13-2004	Requirement for Restriction / Election
07-22-2004	Case Docketed to Examiner in GAU
05-05-2004	IFW TSS Processing by Tech Center Complete
05-05-2004	Case Docketed to Examiner in GAU
04-20-2004	Application Return from OIPE
04-20-2004	Application Is Now Complete
04-20-2004	Application Return TO OIPE
04-20-2004	Application Return from OIPE
04-20-2004	Application Return TO OIPE
04-20-2004	Application Dispatched from OIPE
04-20-2004	Application Is Now Complete
01-07-2004	PGPubs nonPub Request
03-01-2004	Cleared by OIPE CSR
01-23-2004	IFW Scan & PACR Auto Security Review
01-07-2004	Initial Exam Team nn